Index of Claims

| Application No.   | Applicant(s)   |
|-------------------|----------------|
| 09/939,129        | HOU, VICTOR T. |
| Examin r          | Art Unit       |
| Dipakkumar Gandhi | 2133           |

|   | R ject d | 1 | (Through numeral)<br>Cancell d |
|---|----------|---|--------------------------------|
| : | Allowed  | ÷ | Restricted                     |

| N | Non-Elect d  | Α | App al   |
|---|--------------|---|----------|
| ı | Interference | 0 | Objected |

| Cla             | im       |                                                  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Dat                     | te        |                 |                 |          |     | Clair | m        |                                         |                 |          | ate           |                                                  |                    | ]::::    | CI    | aim        |               |         |           | Date     | e               |          |          |          |
|-----------------|----------|--------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------|-----------------|-----------------|----------|-----|-------|----------|-----------------------------------------|-----------------|----------|---------------|--------------------------------------------------|--------------------|----------|-------|------------|---------------|---------|-----------|----------|-----------------|----------|----------|----------|
| _               | <u> </u> | 40/25/21                                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |           |                 |                 |          |     | _     | <u> </u> |                                         |                 |          |               |                                                  |                    |          | _     | <u>a</u>   | ĺ             |         | ļ.        |          |                 |          |          |          |
| Final           | Original | 28                                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |           |                 |                 |          |     | Final | Original |                                         |                 |          |               |                                                  |                    |          | Final | Original   |               |         |           |          |                 |          | -        |          |
| ш               | ō        | 2                                                |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                       |           |                 |                 |          |     | ш     | δl       |                                         | 1               |          |               |                                                  |                    |          | ш     | Ö          | - }           |         |           |          |                 |          |          |          |
|                 |          | =                                                |                       | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +-                      | ╀         | Н               | $\vdash$        | -        |     |       |          | +                                       | +               |          | - -           | -                                                | +                  |          |       |            | +             | +-      | -         | ┝        | $\vdash$        | _        | -        | 4        |
| 2               | 1 2      | =                                                | -                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         | +         | Н               | $\vdash$        | -        |     |       | 51<br>52 |                                         | $\vdash$        |          | -             | 1                                                | -                  | -        |       | 101        |               | +-      | +         | ╁        | Н               | $\dashv$ | +        | $\dashv$ |
| <del>\</del>    | 3        | =                                                |                       | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +-                      | +         | Н               | ┤┤              | $\dashv$ |     |       | 53       | +                                       | +               | -        |               | ╁┼                                               | +-                 | -        |       | 102        | -             | +-      | -         | +-       | $\vdash$        | $\dashv$ | +        | $\dashv$ |
| 7.              | 4        | =                                                | $\vdash$              | ┿                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | +         | Н               | H               |          |     |       | 54       | -                                       | +               | $\dashv$ | +             | 1-+                                              | +-                 | 1::::    |       | 103        | $\dashv$      | +       | +         | ┿        | $\vdash$        | $\dashv$ | $\dashv$ | 4        |
| 34560           | 5        | =                                                |                       | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | $\dagger$ | Н               | $\vdash$        | $\dashv$ |     |       | 55       |                                         | +               | $\dashv$ | +             | +                                                | +                  | 1        |       | 105        | -             | +       | ╁         | ┼        | $\vdash$        | -        | +        | $\dashv$ |
| 2               | 6        | =                                                |                       | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | $\dagger$ | H               | H               | ╣        |     |       | 56       |                                         | $\vdash$        |          |               | 1 +                                              | +                  | 1        | -     | 106        | -             | +       | +-        | $\vdash$ | $\vdash$        | -        | $\dashv$ | $\dashv$ |
| 8               | 7        |                                                  |                       | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ╅╴                      | +         | П               | H               | _        |     |       | 57       | +                                       |                 | ╗        | $\dashv$      | 1 1                                              | +-                 | 1        |       | 107        |               | +-      | +         | 1        | Н               | $\dashv$ | $\dashv$ | $\dashv$ |
| 17              | 8        | 7                                                |                       | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $\top$                  | †         | П               |                 |          |     |       | 58       |                                         | $\Box$          | T        | $\neg$        |                                                  |                    |          |       | 108        | $\neg$        | $\top$  | $\top$    |          |                 | $\dashv$ | #        | ┪        |
| 12              | 9        | =                                                |                       | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\top$                  | T         | П               | İ               | 7        |     |       | 59       |                                         |                 |          |               |                                                  |                    |          |       | 109        | $\top$        | T       | 1         |          | П               | $\neg$   | 十        | ᅥ        |
| 12              | 10       | =                                                |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |           |                 |                 |          |     |       | 60       |                                         | П               | ヿ        |               |                                                  |                    |          |       | 110        |               | T       |           |          |                 | $\neg$   |          | ヿ        |
| 14              | 11       | = 1 1                                            |                       | Ι                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $oldsymbol{\mathbb{I}}$ |           |                 |                 |          |     |       | 61       |                                         |                 |          | 工             |                                                  | $oldsymbol{\perp}$ | ]        |       | 111        |               |         | I         | L        |                 | 丁        |          |          |
| 15              | 12       | ==                                               |                       | Ι                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |           |                 |                 |          |     |       | 62       |                                         |                 |          |               |                                                  |                    | ]        |       | 112        |               | Ι       |           |          |                 |          |          |          |
| 15<br>16        | 13       | =                                                | $\Box$                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |           |                 |                 | _        |     |       | 63       |                                         |                 |          |               |                                                  |                    |          |       | 113        |               |         |           |          |                 |          | $\perp$  | ]        |
| 17              | 14       | =                                                | $\sqcup \!\!\! \perp$ | ┸                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $\perp$                 | 1         | Ш               | $\sqcup$        |          |     |       | 64       |                                         | $\sqcup$        | _        | $\perp$       | $\sqcup \bot$                                    |                    | 1        |       | 114        |               | $\perp$ | _         | <u> </u> | Ш               |          | 4        | ╛        |
| 19<br>9<br>10   | 15       | =                                                | $\sqcup \bot$         | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | $\perp$                 | $\perp$   | Ш               | $\sqcup$        | $\dashv$ |     |       | 65       | _ _                                     | $\sqcup$        | _        |               | $\perp \perp$                                    | _                  |          |       | 115        | $\perp$       | $\perp$ | ↓_        | ↓        | Ш               | ļ        | _        | 4        |
| 9               | 16       | ~                                                | <u> </u>              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | _                       | $\bot$    | Ш               | $\sqcup$        | _        |     |       | 66       | _ _                                     | 1               | _        |               | 11                                               |                    |          |       | 116        | _             | _       | _         | ļ.,      | Ш               | _        | _        | _        |
| 10              | 17       | 111111111111111111111111111111111111111          | <u> </u>              | $\downarrow$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         | -         |                 |                 | _        |     |       | 67       |                                         | -               | _        | _             | $\perp \perp$                                    |                    |          |       | 117        |               | _       | ļ         | <u> </u> |                 | _        |          | _        |
| 7               | 18       | =                                                | $\vdash$              | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         | +         |                 | <u> </u>        | -        |     |       | 68       | -                                       |                 |          | -             | +                                                |                    | Į.       |       | 118        | -             | +       | -         | ऻ        |                 |          | $\dashv$ | -4       |
| 20<br>21<br>18  | 19       | =                                                |                       | ╁                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | +         | Н               | $\vdash$        |          |     |       | 69       | +                                       | $\vdash$        | $\dashv$ |               | ┼┼                                               |                    |          |       | 119        |               | +       | -         | -        | Н               | _        |          | 4        |
| 21              | 20<br>21 | =                                                | $\vdash$              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | +         | Н               | $\vdash$        | $\dashv$ |     |       | 70<br>71 | $\dashv$                                | $\vdash$        | -        | +             | ┼-                                               |                    | -        |       | 120        | +             | +       | +         | -        | Н               |          | +        | 4        |
| 10              | 22       | _                                                |                       | ╁                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |           | -               |                 | +        |     |       | 72       |                                         | +-              |          |               | ++                                               | +                  | -        |       | 121<br>122 | $\dashv$      | +       | +-        |          | $\vdash$        | -        | -        | 4        |
| $\vdash$        | 23       |                                                  | $\vdash$              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | +-        | $\vdash$        | $\vdash$        | $\dashv$ |     |       | 73       | +                                       | -               | $\dashv$ |               | ╁┼                                               | +                  |          |       |            |               | ╁       | -         | ╁        | -               |          | +        | $\dashv$ |
| $\vdash$        | 24       | $\vdash$                                         |                       | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | +         | Н               | $\vdash$        | $\dashv$ |     |       | 74       | +                                       | ┨               | $\dashv$ | +             | <del>                                     </del> |                    | :::::    |       | 123<br>124 |               |         | +         | ╁        | Н               | $\dashv$ | -        |          |
|                 | 25       | $\vdash$                                         | $\vdash$              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | †         | Н               | $\vdash$        | $\dashv$ |     |       | 75       | $\dashv$                                | $\Box$          | $\dashv$ | +             | 1-+                                              | +                  |          |       | 125        | +             | +-      | +         | ╁        | Н               | $\dashv$ | $\dashv$ | $\dashv$ |
|                 | 26       |                                                  |                       | - -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | +                       | +         | Н               | $\vdash$        | -        |     |       | 76       |                                         | 1-1             | $\dashv$ | +             | +                                                | +                  | 1::::    |       | 126        | $\dashv$      | +       | +         |          | -               | $\dashv$ | $\dashv$ | $\dashv$ |
|                 | 27       | H                                                | H                     | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | +                       | 1         | $\vdash$        |                 | 7        |     |       | 77       |                                         |                 | $\dashv$ | $\dashv$      | t                                                | +                  | 1        |       | 127        |               | +       | +         |          | Н               | _        | $\dashv$ | -        |
|                 | 28       | T                                                | $\top$                | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $\top$                  |           | П               |                 | _        |     |       | 78       |                                         |                 |          | $\neg \vdash$ | 1                                                | _                  | 1::::    |       | 128        | $\dashv$      | +       | $\dagger$ | T        | Н               | <b>-</b> | 一十       | $\dashv$ |
|                 | 29       |                                                  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |           | П               |                 |          |     |       | 79       |                                         |                 |          |               |                                                  |                    |          |       | 129        |               | 1       | <u> </u>  | T        | Н               |          | $\neg$   | $\neg$   |
|                 | 30       |                                                  |                       | ╗                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |           | П               |                 |          |     |       | 80       | $\top$                                  |                 |          |               |                                                  | $\top$             | 1::::    |       | 130        |               | $\top$  | Τ         | 1        | П               |          | T        | 7        |
|                 | 31       |                                                  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |           |                 |                 |          |     |       | 81       |                                         |                 | $\Box$   |               |                                                  |                    |          |       | 131        |               |         |           |          |                 |          |          |          |
| L[              | 32       |                                                  |                       | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |           |                 |                 | _        |     |       | 82       |                                         |                 |          |               |                                                  |                    |          |       | 132        |               | Ι       |           |          |                 |          |          |          |
| $\sqcup \sqcup$ | 33       | <u> </u>                                         |                       | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | $\perp$                 | <u> </u>  | Ш               | $\sqcup$        | _        |     |       | 83       | ļ.                                      | $\sqcup$        |          | _ _           | $\Box$                                           | $\perp$            | <b>.</b> |       | 133        |               |         |           | 匚        | $\Box$          |          |          | _]       |
|                 | 34       | <b> </b>                                         |                       | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4_                      | $\perp$   | Ш               | $\sqcup$        | _        |     |       | 84       |                                         | $\sqcup$        | _        |               | $\sqcup$                                         | $\bot$             |          |       | 134        |               | $\perp$ | $\perp$   | <u> </u> | Ш               |          | $\perp$  | ╝        |
| -               | 35       | $\vdash$                                         | $\vdash$              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | ╄-        | $\vdash \vdash$ | -               |          |     |       | 85       |                                         | $\vdash$        | _        | _             | ++                                               |                    |          |       | 135        | _             | _       | _         | <u> </u> | Ш               | _        | 4        | $\perp$  |
|                 | 36       | $\vdash$                                         |                       | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | $\vdash$  | Н               | $\vdash \vdash$ | _        |     |       | 86       |                                         | <b>├</b>        | -        |               | $\vdash \vdash$                                  | +                  |          |       | 136        | _             | +-      | 1_        | ↓        | Щ               | _        | $\dashv$ | $\dashv$ |
| $\vdash$        | 37       | ├                                                |                       | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +-                      | +         | $\vdash \vdash$ | $\vdash \vdash$ | -        |     |       | 87       | +                                       | $\vdash$        |          |               | +                                                |                    |          |       | 137        |               | +       | +         | <u> </u> |                 | $\dashv$ | _        | 4        |
|                 | 38<br>39 | $\vdash$                                         | $\vdash$              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +-                      | +         |                 | $\vdash$        | -        |     |       | 88       | -                                       | $\vdash$        | $\dashv$ | +             | ┼-┼                                              |                    |          |       | 138        |               | +-      | +-        | ₩        | $\vdash \vdash$ | $\dashv$ | -        | 4        |
| -               | 40       | $\vdash$                                         | $\vdash$              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | +         | $\vdash \vdash$ | ┝╌┼             | -        |     |       | 89<br>90 |                                         | $\vdash$        |          | -             | ++                                               | +                  | 1        |       | 139<br>140 |               | +       | +         | ├        | $\vdash \vdash$ | $\dashv$ | -        | $\dashv$ |
|                 | 41       | <del>                                     </del> | $\vdash$              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       | $\vdash$  | $\vdash$        | $\vdash$        |          | }   |       | 90       | +                                       | H               | -+       |               | ╁╼╂╴                                             | +                  |          |       | 141        |               | +       | +         | -        |                 |          |          | $\dashv$ |
|                 | 42       | $\vdash$                                         |                       | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +-                      | ╁┤        | $\vdash$        | <del>   </del>  | $\dashv$ |     |       | 92       | +-                                      | ╁╾┤             | $\dashv$ | +             | +                                                |                    |          |       | 142        | $\dashv$      | +       | +         | $\vdash$ |                 | -+       | +        | $\dashv$ |
| $\vdash$        | 43       | Н                                                | $\vdash$              | $\dagger$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | +                       | $\vdash$  | $\vdash$        | $\vdash$        | -        | ::} |       | 93       | +                                       | $\vdash$        | -+       |               | <del>   </del>                                   | +                  |          |       | 143        | $\dashv$      | +       | +         | ╁        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$        | 44       | $\vdash$                                         |                       | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | +                       | H         | Н               | $\vdash$        | -        | ij  |       | 94       | $\top$                                  | $\vdash \vdash$ | -        |               | $\dagger \dagger$                                | +                  |          |       | 144        | -+            | +       | +-        | ┢═       | $\vdash$        | $\dashv$ | +        | $\dashv$ |
|                 | 45       |                                                  |                       | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | +                       | $\top$    | Н               |                 | -        | H   |       | 95       | $\top$                                  | $\Box$          | $\dashv$ | _             |                                                  | $\top$             |          |       | 145        |               | +       | ╅         | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |
|                 | 46       |                                                  |                       | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +                       |           | $\Box$          |                 | 7        |     |       | 96       |                                         | $\vdash$        | $\dashv$ |               | 1 1                                              |                    |          |       | 146        | $\neg$        | $\top$  | $\dagger$ | T        | H               | $\dashv$ | $\top$   | $\dashv$ |
|                 | 47       |                                                  |                       | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Τ                       | П         |                 | $\sqcap$        | 7        | 1   |       | 97       | $\top$                                  | П               | -        | _   _         | 1                                                | $\neg$             |          |       | 147        | $\neg \vdash$ | $\top$  | $\top$    | $\vdash$ | $\Box$          |          | $\top$   | ┪        |
|                 | 48       |                                                  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $\perp$                 |           |                 |                 |          |     |       | 98       |                                         | $\Box$          |          |               |                                                  |                    |          |       | 148        | 1             | 1       | T         |          | П               |          | _        | ┨        |
|                 | 49       |                                                  |                       | $oldsymbol{\mathbb{T}}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Γ                       |           |                 |                 |          |     |       | 99       | $oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                 |          |               |                                                  |                    |          |       | 149        |               | $\perp$ | 1         |          |                 | $\Box$   | $\top$   |          |
|                 | 50       | $\lfloor \cdot  floor$                           |                       | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}$ |                         |           |                 |                 | _]::     | . [ | 1     | 00       |                                         | $I^{T}$         |          |               |                                                  |                    |          |       | 150        |               | Τ       |           |          |                 |          |          | 7        |